

WHAT IS CLAIMED IS:

1. A mobile phone, comprising:

a receiver for receiving radio frequency signals;

a transmitter for transmitting said radio frequency signals;

a digital memory for storing digital data wherein said digital memory includes downloaded data with executable software from an external data source; and

a digital processor for processing said digital data.

2. The mobile phone as recited in Claim 1 wherein said digital memory further includes pre-stored run-time software.

3. The mobile phone as recited in Claim 1 wherein said external data source is a base transceiving station of a mobile communication system.

4. The mobile phone as recited in Claim 1 further comprising an interface for an exchange of said digital data with external digital devices.

5. The mobile phone as recited in Claim 4 wherein said external
digital devices include at least one from the group consisting of:
a personal computer,
a database system at the location of a manufacturer,
a database system at the location of a re-seller, and
a database of an Internet data service provider.

6. The mobile phone as recited in Claim 1 further comprising a
keyboard including at least a section wherein a layout thereof is
defined by said downloaded data.

7. The mobile phone as recited in Claim 1 further comprising a
main display including at least a section where dialogues or menus
are displayed, said dialogues and said menus being provided by said
downloaded data.

8. The mobile phone as recited in Claim 7 wherein said main
display shows icons having associated functionality on a touch-
screen area thereof wherein said icons and said associated
functionality is provided by said downloaded data.

9. The mobile phone as recited in Claim 1 further comprising a
2 loudspeaker and an electronic circuitry connected thereto for
3 driving said loudspeaker, said downloaded data comprising melodies,
4 speech messages or acoustic signals associated with functions of
5 said mobile phone.

10. The mobile phone as recited in Claim 1 wherein said digital
2 memory includes an electrically erasable programmable read-only
3 memory (EEPROM) .

11. The mobile phone as recited in Claim 1 further comprising an
2 Internet interface for exchanging data with an Internet service
3 provider.

12. The mobile phone as recited in Claim 1 wherein said downloaded
2 data defines a menu structure for functions of said mobile phone.

13. A mobile communication system, comprising:

an external data source; and

a mobile phone, including:

a receiver for receiving radio frequency signals;

a transmitter for transmitting said radio frequency signals;

a digital memory for storing digital data wherein said digital memory includes downloaded data with executable software from said external data source; and

a digital processor for processing said digital data.

14. The mobile communication system as recited in Claim 13 wherein said external data source includes a base transceiving station of a cellular mobile communication system.

15. The mobile communication system as recited in Claim 13 wherein said mobile communication system is a Global System for Mobile Communications (GSM) communication system.

16. The mobile communication system as recited in Claim 13 wherein
2 said mobile communication system is a Universal Mobile
3 Telecommunications System (UMTS) Code Division Multiple Access
4 (CDMA) communication system.

17. The mobile communication system as recited in Claim 13 wherein
2 said external data source is a base transceiving station of a mobile
3 communication system.

18. The mobile communication system as recited in Claim 13 wherein
2 said mobile phone further comprises an interface for an exchange of
3 said digital data with external digital devices.

19. The mobile communication system as recited in Claim 13 wherein
2 said mobile phone further comprises an Internet interface for
3 exchanging data with an Internet service provider.

20. The mobile communication system as recited in Claim 13 wherein
2 said downloaded data defines a menu structure for functions of said
3 mobile phone.

21. A system for configuring a mobile phone, comprising:

an external data source;

an end user tool that facilitates a transfer of downloaded data with executable software to said mobile phone from said external data source; and

a mobile phone, including:

a receiver for receiving radio frequency signals;

a transmitter for transmitting said radio frequency signals;

an interface unit configured to exchange digital data with said external data source;

a digital memory for storing said digital data wherein said digital memory includes said downloaded data with said executable software from said external data source; and

a digital processor for processing said digital data.

22. The system for configuring a mobile phone as recited in Claim

21 wherein said end user tool includes a Resource Editor.

23. The system for configuring a mobile phone as recited in Claim

21 wherein said end user tool includes a Resource Compiler.

24. The system for configuring a mobile phone as recited in Claim

21 wherein said end user tool includes a Resource Loader.

25. The system for configuring a mobile phone as recited in Claim

21 wherein said end user tool is run via the Web.